

#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/829,545

DATE: 05/03/2001

TIME: 12:03:52

Input Set : N:\Crf3\RULE60\09829545.txt

Output Set: N:\CRF3\05032001\I829545.raw

4 <110> APPLICANT: Weinshilboum, M.D., Richard M.
5 Raftogianis, Rebecca B.
6 Wood, Thomas C.
7 Otterness, Diane M.
10 <120> TITLE OF INVENTION: SULFOTRANSFERASE SEQUENCE VARIANTS
15 <130> FILE REFERENCE: 07039/118001
17 <140> CURRENT APPLICATION NUMBER: 09/829,545
18 <141> CURRENT FILING DATE: 2001-04-10
20 <150> PRIOR APPLICATION NUMBER: 09/167,681
21 <151> PRIOR FILING DATE: 1998-10-07
23 <160> NUMBER OF SEQ ID NOS: 52
25 <170> SOFTWARE: FastSEQ for Windows Version 3.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 23
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: primer
36 <400> SEQUENCE: 1
37 ccacggtctc ctctggcagg ggg
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 25
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: primer
47 <400> SEQUENCE: 2
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50 <210> SEQ ID NO: 3
51 <211> LENGTH: 25
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: primer
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59 cacgtactcc agtggcgggc cctag
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 18
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: primer
69 <400> SEQUENCE: 4
70 ggaaccacca cattagaa
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 26
74 <212> TYPE: DNA

ENTERED

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18

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75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: primer
80 <400> SEQUENCE: 5
81 cctggagacc ttcacacacc ctgata 26
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 25
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: primer
92 <400> SEQUENCE: 6
93 ccactctgcc tggccacaaa tcata 25
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 23
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: primer
103 <400> SEQUENCE: 7
104 gctggggaac caccgcatta gag 23
106 <210> SEQ ID NO: 8
107 <211> LENGTH: 23
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: primer
114 <400> SEQUENCE: 8
115 aactcccaac ctcacgtgat ctg 23
117 <210> SEQ ID NO: 9
118 <211> LENGTH: 23
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: primer
125 <400> SEQUENCE: 9
126 cctcaggttc ctcctttgcc aat 23
128 <210> SEQ ID NO: 10
129 <211> LENGTH: 23
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: primer
136 <400> SEQUENCE: 10
137 tgccaaggga gggggctggg tga 23
139 <210> SEQ ID NO: 11
140 <211> LENGTH: 25
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence

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144 <220> FEATURE:
145 <223> OTHER INFORMATION: primer
147 <400> SEQUENCE: 11
148 gttgaggagt tggctctgca gggtc 25
150 <210> SEQ ID NO: 12
151 <211> LENGTH: 25
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: primer
158 <400> SEQUENCE: 12
159 ccactctgcc tggcccacaa tcata 25
161 <210> SEQ ID NO: 13
162 <211> LENGTH: 28
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: primer
169 <400> SEQUENCE: 13
170 gggcccccgtt ccacgagggt gctttcac 28
172 <210> SEQ ID NO: 14
173 <211> LENGTH: 34
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: primer
180 <400> SEQUENCE: 14
181 tgacccact aggaagggag tcagcacccc tact 34
183 <210> SEQ ID NO: 15
184 <211> LENGTH: 19
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: primer
191 <400> SEQUENCE: 15
192 ggaaccacca cattagaac 19
194 <210> SEQ ID NO: 16
195 <211> LENGTH: 25
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: primer
202 <400> SEQUENCE: 16
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205 <210> SEQ ID NO: 17
206 <211> LENGTH: 23
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:

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211 <223> OTHER INFORMATION: primer
213 <400> SEQUENCE: 17
214 cctcagcttc ctcctttgcc aaa 23
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217 <211> LENGTH: 18
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: primer
225 <400> SEQUENCE: 18
226 tggctgggtg gccttggc 18
228 <210> SEQ ID NO: 19
229 <211> LENGTH: 23
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: primer
238 <400> SEQUENCE: 19
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241 <210> SEQ ID NO: 20
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243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: primer
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251 ctggagcggg gaggtggccg tatt 24
253 <210> SEQ ID NO: 21
254 <211> LENGTH: 30
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: primer
262 <400> SEQUENCE: 21
263 aatgcccgcg acagtgcctg ctgcatagag 30
265 <210> SEQ ID NO: 22
266 <211> LENGTH: 36
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: primer
274 <400> SEQUENCE: 22
275 acgctgcccg gcggactcga cgtcctccac catctt 36
277 <210> SEQ ID NO: 23
278 <211> LENGTH: 23
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: primer

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285 <400> SEQUENCE: 23
286 gagaatccca ctttcttgct gtt
288 <210> SEQ ID NO: 24
289 <211> LENGTH: 23
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: primer
297 <400> SEQUENCE: 24
298 gggaacagtc tatgccacca tac
300 <210> SEQ ID NO: 25
301 <211> LENGTH: 23
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: primer
309 <400> SEQUENCE: 25
310 ggttcctcct ttgccagttc aac
312 <210> SEQ ID NO: 26
313 <211> LENGTH: 22
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: primer
321 <400> SEQUENCE: 26
322 ggactaagta tctgatccgt gg
324 <210> SEQ ID NO: 27
325 <211> LENGTH: 23
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: primer
333 <400> SEQUENCE: 27
334 gggccccagg ggttgaggct ctt
336 <210> SEQ ID NO: 28
337 <211> LENGTH: 23
338 <212> TYPE: DNA
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: primer
345 <400> SEQUENCE: 28
346 atatgtggcc ccaccgggca ttc
348 <210> SEQ ID NO: 29
349 <211> LENGTH: 7152
350 <212> TYPE: DNA
351 <213> ORGANISM: Homo sapiens
353 <220> FEATURE:
354 <221> NAME/KEY: CDS
355 <222> LOCATION: (3810)...(3956)

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VERIFICATION SUMMARY

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